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~~01/12/2006 BHINES 00000001 150030 10089056~~

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Adjustment date: 03/06/2006 SEELEKE1
~~01/12/2006 BHINES 00000001 150030 10089056~~
~~01 FC:1201 200.00 CR~~

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US PATENT & TRADEMARK
OFFICE

February 7, 2005



ATTORNEYS AT LAW
KATHLEEN A. MORSBERGER
CONTROLLER
(703) 412-6494
KMORSBERGER@OBLON.COM

UNITED STATES PATENT AND TRADEMARK OFFICE
2051 Jamieson Avenue, Ste. 300
Alexandria, VA

Attn: Frank Lebron
Refund Department

Re: Deposit Account #150030

Dear Mr. Lebron:

Enclosed is a copy of a portion of our Deposit Account Statement of January, 2006. Please review the highlighted charge on Serial Number 10/089,056 in the amount of \$200.00 on fee code #1201.

A second supplemental amendment was filed on January 4, 2006, that contained a total of three independent claims. **The claim fee calculation sheet (copy attached) prepared by the Patent Office is incorrect. Claim 12 is not and has never been an independent claim.** Our deposit account should not be charged any additional claim fees.

Please review this application and kindly refund \$200.00 to deposit account #150030. Copies of the appropriate paperwork are attached. If you have any questions, please contact Debbie Noel at (703) 412-6296. Thank you for your assistance in this matter.

Sincerely,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Debra J. Noel

Debra J. Noel
Accounting Department

Enclosure

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Deposit Account Statement

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Requested Statement Month: January 2006
Deposit Account Number: 150030
Name: NORMAN F. OBLON
Attention:
Address: 1940 DUKE STREET
City: ALEXANDRIA
State: VA
Zip: 22314
Country: UNITED STATES OF AMERICA

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT.	BAL
01/03	1	10513338	261635US23PCT	1631	\$300.00	\$31,112.7
01/03	1	10297577	230862USOPCT	1252	\$420.00	\$30,692.7
01/03	2	10513338	261635US23PCT	1633	\$200.00	\$30,492.7
01/03	3	10513338	261635US23PCT	1642	\$400.00	\$30,092.7
01/03	20	11258170	279907US2SRD DIV	1201	-\$200.00	\$30,292.7
01/03	22	10673262	243436US2SX	1806	-\$180.00	\$30,472.7
01/03	24	10831618	252365US0X CONT	1806	-\$180.00	\$30,652.7
01/03	25	10444013	236939US0	1806	-\$180.00	\$30,832.7
01/03	29	10006666	216259US0	1252	-\$450.00	\$31,282.7
01/03	30	11144020	239439US2RD RE	1202	-\$50.00	\$31,332.7
01/03	31	11144020	239439US2RD RE	1202	-\$50.00	\$31,382.7
01/03	32	10446780	238387US2	1806	-\$180.00	\$31,562.7
01/03	33	10450154	237784US6YAPCT	1201	-\$200.00	\$31,762.7
01/03	34	10450154	237784US6YAPCT	1202	-\$250.00	\$32,012.7
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01/04	2	10670320	242938US	1806	\$180.00	\$31,272.7
01/04	4	11230482	278733US0SRD	1806	\$180.00	\$31,092.7
01/04	6	11224952	278488US0 X	1081	\$250.00	\$30,842.7
01/05	1	10296198	230878US3PCT	1202	\$100.00	\$30,742.7
01/05	2	09706781	199326US2	1811	-\$100.00	\$30,842.7
01/05	2	10532110	271083US96PCT	1617	\$130.00	\$30,712.7
01/05	2	10296198	230878US3PCT	1203	\$360.00	\$30,352.7
01/05	2	10344420	232879US40X PCT	1201	\$200.00	\$30,152.7
01/05	4	09539328	5241-P3	1806	-\$180.00	\$30,332.7
01/05	5	11288111	281922US2	1202	-\$50.00	\$30,382.7
01/05	7	11012257	263126US2SRD CONT	1464	\$130.00	\$30,252.7

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Deposit Account Statement

Page 2 of 4

01/05 7	10740619	246852US0/IMS	1202	\$200.00	\$30,052.7
01/05 8	11012257	263126US2SRD CONT	1801	\$790.00	\$29,262.7
01/05 36	10765131	248145US2S	1464	\$130.00	\$29,132.7
01/05 37	10765131	248145US2S	1801	\$790.00	\$28,342.7
01/05 170	11322245	284034US40CONT	1203	\$360.00	\$27,982.7
01/06 1	10960943	259114US2CONT	1806	\$180.00	\$27,802.7
01/06 10	6970291	231539US	1811	\$100.00	\$27,702.7
01/06 11	6970291	" "	1462	\$400.00	\$27,302.7
01/06 66	10874269	254308US2	1806	-\$180.00	\$27,482.7
01/06 67	11106424	265797US2CONT	1806	-\$180.00	\$27,662.7
01/06 118	10484804	247796US0PCT	1202	-\$450.00	\$28,112.7
01/06 119	11085171	268527US0	1201	-\$800.00	\$28,912.7
01/06 120	11224232	278287US2SRD	1051	-\$130.00	\$29,042.7
01/06 368	60645050	264963US/KQU	8007	\$20.00	\$29,022.7
01/09 1	10485818	246688US0PCT	1251	\$120.00	\$28,902.7
01/09 1	PCT/US05/47254	273066WO	1601	\$300.00	\$28,602.7
01/09 2	10901325	256655US2RD	1806	\$180.00	\$28,422.7
01/09 2	PCT/US05/47254	273066WO	1603	\$300.00	\$28,122.7
01/09 2	09918539	212031US2	1801	\$770.00	\$27,352.7
01/09 3	10792694	249497US3	1806	\$180.00	\$27,172.7
01/09 3	PCT/US05/47254	273066WO	1702	\$1,086.00	\$26,086.7
01/09 4	PCT/US05/47254	273066WO	1703	\$24.00	\$26,062.7
01/09 5	PCT/US05/47254	273066WO	8007	\$20.00	\$26,042.7
01/09 10	P111518		1463	\$200.00	\$25,842.7
01/09 10	6762277	222489US	1811	-\$100.00	\$25,942.7
01/09 11	6933001	245737US	1811	-\$100.00	\$26,042.7
01/09 442	10548172	276267US3PCT	2617	\$65.00	\$25,977.7
01/10 1	10625512	240627US0	1251	\$120.00	\$25,857.7
01/10 1	10777748	248812US2	1201	\$200.00	\$25,657.7
01/10 1	10792694	249497US3	1806	-\$180.00	\$25,837.7
01/10 2	10901325	256655US2RD	1806	-\$180.00	\$26,017.7
01/10 2	10307979	231126US6	1251	\$120.00	\$25,897.7
01/10 41	09987550	216099US2	1464	\$130.00	\$25,767.7
01/10 42	09987550	216099US2	1801	\$790.00	\$24,977.7
01/10 92	6861465	225272US/KQU	8013	\$25.00	\$24,952.7
01/10 180	60679667	272323US/KQU	8007	\$20.00	\$24,932.7
01/10 236	60642141	264496US/KQU	8007	\$60.00	\$24,872.7
01/11 4	09919858	212200US2	1806	\$180.00	\$24,692.7
01/11 5	10460294	23899US0X-DW/238909	1251	\$120.00	\$24,572.7
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01/11 11	10526020	266734US0PCT	1617	-\$130.00	\$24,792.7
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01/12 2	10241722	228148US	1806	\$180.00	\$24,412.7
01/12 122	11015023	263652US/KQU	8007	\$20.00	\$24,392.7
01/12 123	60649553	265582US/KQU	8007	\$20.00	\$24,372.7
01/12 124	60653529	26261US/KQU	8007	\$40.00	\$24,332.7
01/12 172	60649552	265583US/KQU	8007	\$20.00	\$24,312.7
01/12 173	60649547	265578US/KQU	8007	\$20.00	\$24,292.7

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OSMM&I, file No. 220950US0PCT

Serial No. 10/089,056

Dept.: CHEMICAL

By: ...G/SUK/kh

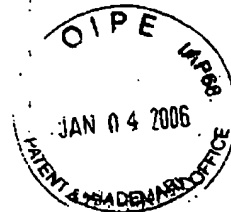
In the matter of the Application of: Arno LANGE, et al.

For: METHOD FOR PRODUCING MANNICH ADDUCTS THAT CONTAIN
POLYISOBUTYLENE PHENOL

Due Date: N/A

The following has been received in the U.S. Patent Office on the date stamped hereon:

- ☒ Credit Card Form for \$2,350.00
- ☒ Dep. Acct. Order Form
- ☒ Transmittal Forms
- ☒ Second Supplemental Amendment (19 pp.)



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Docket No. 220950US0PCT
IN RE APPLICATION OF: Arno LANGE, et al.
SERIAL NO: 10/089,056
FILED: April 3, 2002
FOR:

METHOD FOR PRODUCING MANNICH ADDUCTS THAT CONTAIN POLYISOBUTYLENE PHENOL
COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an second supplemental amendment in the above-identified application.

- ☐ No additional fee is required
☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	76	MINUS	29	47	x \$50 =	\$2,350.00
INDEPENDENT	4	MINUS	4	0	x \$200 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS					+ \$360 =	\$0.00
TOTAL OF ABOVE CALCULATIONS						\$2,350.00
<input type="checkbox"/> Reduction by 50% for filing by Small Entity						\$0.00
<input type="checkbox"/> Recordation of Assignment					+ \$40 =	\$0.00
TOTAL						\$2,350.00

- ☐ A check in the amount of \$0.00 is attached.
☒ Credit card payment form is attached to cover the fees in the amount of \$2,350.00.
☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Stefan U. Koschmieder, Ph.D.
Registration No. 50,238

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CLAIMS ONLY

Application Number

101089056

Filing Date

Applicant(s)

May be used for additional claims or amendments

CLAIMS	AS FILED		AS FIRST AMENDMENT		AS SECOND AMENDMENT	
	Indep	Depend	Indep	Depend	Indep	Depend
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CLAIMS	AS FIRST AMENDMENT		AS SECOND AMENDMENT	
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Total Claims				

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Claim 12 (Previously Presented): An additive concentrate containing, in addition to conventional additive components, at least one Mannich adduct as claimed in claim 9 in amounts of from 0.1 to 99.9% by weight.

Claim 13 (Previously Presented): A fuel composition containing a main amount of a liquid hydrocarbon fuel and an amount, having detergent activity, of at least one adduct as claimed in claim 9.

Claim 14 (Previously Presented): A lubricant composition containing a main amount of a liquid, semisolid or solid lubricant and an amount, having detergent activity, of at least one adduct as claimed in claim 9.

Claim 15 (Canceled).

Claim 16 (Previously Presented): An additive concentrate containing, in addition to conventional additive components, at least one Mannich adduct as claimed in claim 10 in amounts of from 0.1 to 99.9% by weight

Claim 17 (Previously Presented): A fuel composition containing a main amount of a liquid hydrocarbon fuel and an amount, having detergent activity, of at least one adduct as claimed in claim 10.

Claim 18 (Previously Presented): A lubricant composition containing a main amount of a liquid, semisolid or solid lubricant and an amount, having detergent activity, of at least one adduct as claimed in claim 10.